

State of California
Regional Water Quality Control Board
San Diego Region

EXECUTIVE OFFICER SUMMARY REPORT
July 10, 2013

ITEM: 5

SUBJECT: Information Item: The Bathymetry of San Diego Bay
(*David Barker*)

PURPOSE: This is an information item to update San Diego Water Board members on the use of high resolution bathymetry data in the San Diego Bay Terrain Model project.

RECOMMENDATION: There is no recommendation as this is an information item and the Board will take no action.

KEY ISSUES: None.

DISCUSSION: This item provides an opportunity for Dr. Neal Driscoll, a professor of geosciences in the Geosciences Research Division at Scripps Institution of Oceanography, University of California, San Diego, to present information pertaining to the San Diego Bay Terrain Model project. The main goal of this project is to define the potential impacts of global climate change on the habitats of San Diego Bay, and specifically, to delineate the specific effects of sea-level rise on submerged eelgrass and coastal wetland habitats, and in turn, how these changes will impact the plants, birds, and fish they support. Specific project objectives include coupling a high-resolution elevation model of San Diego Bay watersheds with high resolution bathymetry data to delineate the specific effects of sea-level rise on eelgrass, wetland and benthic habitats of San Diego Bay.

LEGAL CONCERNS: None.

SUPPORTING DOCUMENTS: None.

PUBLIC NOTICE: Notice of this item was provided in the Meeting Notice and Agenda for the July 10, 2013 Board meeting, which is posted on the website.

